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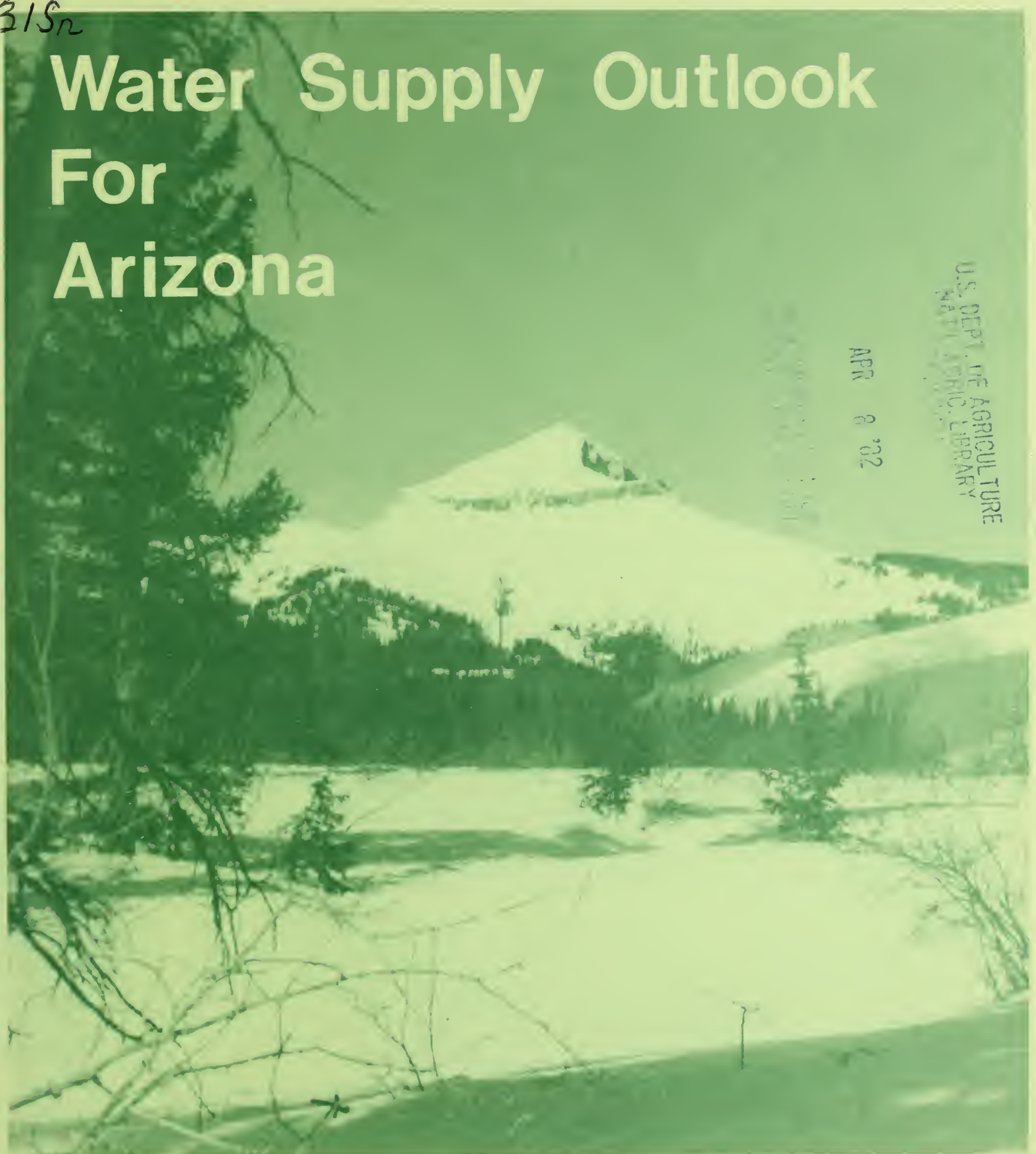
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Water Supply Outlook For Arizona

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SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

SALT RIVER VALLEY WATER USERS ASSOCIATION
AND
ARIZONA DEPARTMENT OF WATER RESOURCES

AS OF
MAR. 1, 1982

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: "Lone cone, near Norwood, Colorado,
Blanketed by its winter mantle of snow."*

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

| STATE | ADDRESS |
|--------------------|---|
| Alaska | 204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501 |
| Arizona | 6029 Federal Building, Phoenix, Arizona 85025 |
| Colorado (N. Mex.) | P. O. Box 17107, Denver, Colorado 80217 |
| Idaho | Room 345, 304 N. 8th. St., Boise, Idaho 83702 |
| Montana | P. O. Box 98, Bozeman, Montana 59715 |
| Nevada | P. O. Box 4850, Reno Nevada 89505 |
| Oregon | 1220 S.W. Third Ave., Portland, Oregon 97204 |
| Utah | P.O. Box 11350, Salt Lake City, Utah 84147 |
| Washington | 360 U.S. Court House, Spokane, Washington 99201 |
| Wyoming | P. O. Box 2440, Casper, Wyoming 82601 |

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR ARIZONA

**and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS**

Issued by

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WASHINGTON, D.C.**

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STREAMFLOW IN ARIZONA DURING THE PERIOD MARCH THROUGH MAY IS FORECAST TO RANGE BETWEEN 66% AND 124% OF AVERAGE ON MAJOR STREAMS.

WATER SUPPLY

March-May forecasts show that streamflow in Arizona and western New Mexico will be closer to normal than earlier forecasts indicated. This is the result of improved moisture conditions during January and February. The Verde River is forecast to produce 124% of average flow for the March-May period. The Salt River is forecast at 87% of average and Tonto Creek at 91%. Forecasts on the Gila River are for 74% of average flow at Solomon, 78% at Virden, and 85% at Gila. The San Francisco River is expected to be around 78% of average. The upper Little Colorado River is also forecast at near 70% of average.

SNOW COVER

The snowpack remains above average in Arizona and near average in western New Mexico. Warm storms in mid-February brought rain to elevations below 7,000 feet. This, coupled with above average temperatures in the last half of February, melted most of the snow below 7,000 feet. Snotel sites between 7,200 feet and 7,600 feet elevation still have snow cover but are showing water discharge from the pack. Snotel sites above 7,600 feet generally indicate little loss of snowpack water as of March 1.

The March 1 snowpack is 221% of average on the Verde Watershed and melting. Snowpack water is 126% of average on the Salt River with little melt loss indicated above 7,600 feet elevation. The upper Little Colorado River snowpack is 128% of average and on the Gila-San Francisco drainage it is 103% of average.

PRECIPITATION

February precipitation was above average over the entire watershed of central Arizona and western New Mexico. Storms brought rain to the lower watersheds and added snow to the higher elevations. There have now been two straight months of above average precipitation. The rain of mid-February produced high runoff particularly on the Verde River.

STREAMFLOW

February streamflow was above average on streams entering the Salt River Project. Inflow to the Salt River Project system was 234,000 acre feet. Runoff was near average on the upper Gila, but below average on the San Francisco River. Streamflow on the Gila at Solomon was below average.

| <u>Stream</u> | <u>Flow-% of Average</u> <u>February</u> |
|--------------------------------|---|
| Salt River | 150% |
| Verde River | 292% |
| Gila River at Solomon | 68% |
| Gila River at Virden | 90% |
| San Francisco River at Clifton | 42% |

RESERVOIR STORAGE

Water in storage at all major reservoirs or reservoir systems is near average for March 1. Salt River Project reports a total storage of 1,407,000 acre feet which is 70% of capacity. Current storage in San Carlos reservoir is 265,000 acre feet or 28% of capacity. Lake Pleasant is 44% full with 69,000 acre feet. Four major Colorado River reservoirs have a combined storage of 44,925,000 acre feet which is 84% of capacity.

ABOUT MARCH 1, 1982 STREAMFLOW FORECASTS

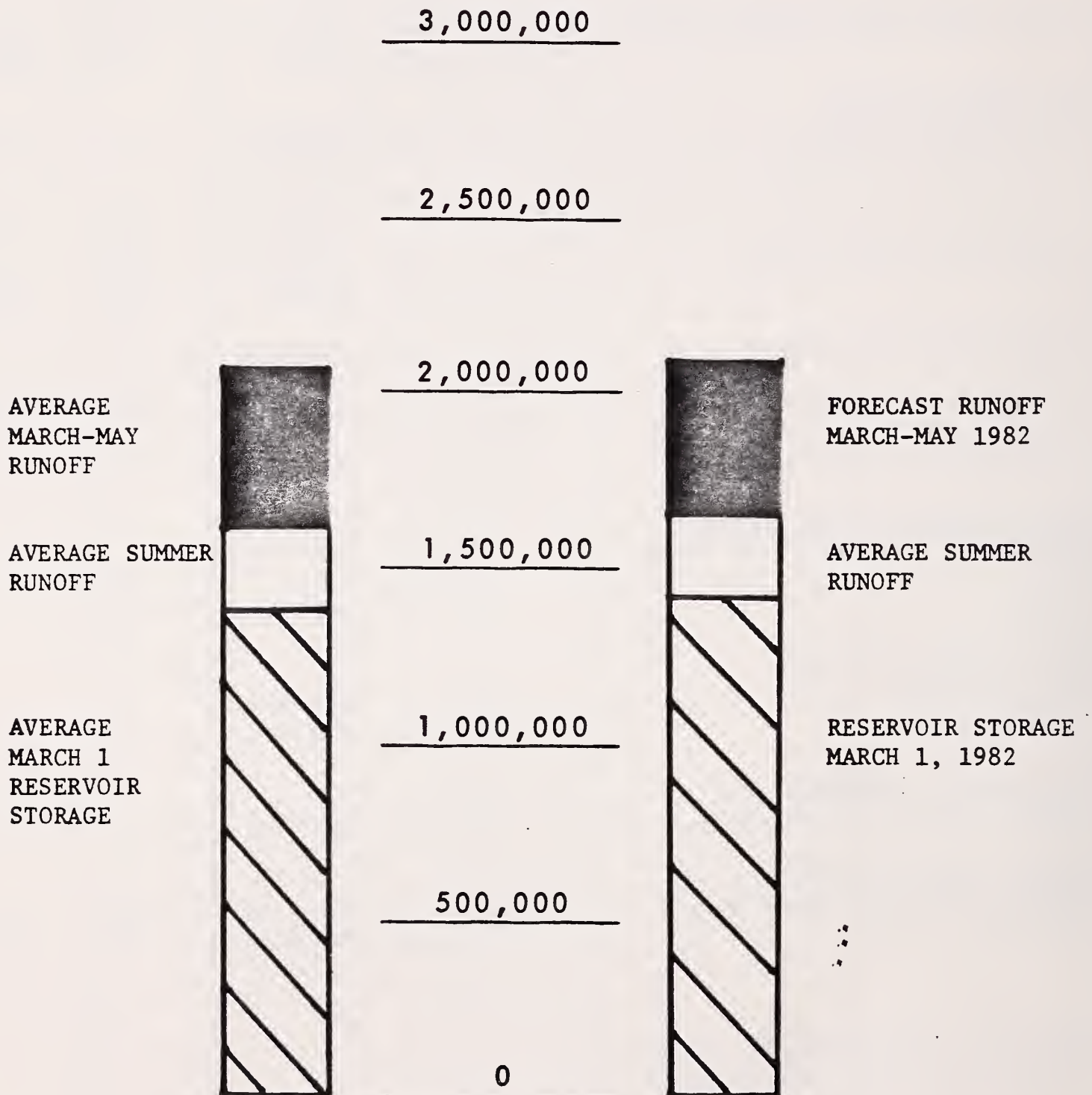
| STREAMFLOW FORECASTS | | THIS YEAR | | PAST RECORD | |
|---------------------------------------|--------------------|--------------------|-----------------|--------------------|-----------|
| BASIN, STREAM and/or FORECAST POINT | FORECAST | | FORECAST PERIOD | THOUSAND ACRE FEET | |
| | Thousand Acre Feet | Percent of Average | | Last Year | Average † |
| <u>SALT RIVER DRAINAGE</u> | | | | | |
| Salt near Roosevelt | 220 | 87 | Mar-May | 40.5 | 252.9 |
| " | 80 | 95 | March | 43.8 | 84.6 |
| Tonto Creek near Roosevelt | 26 | 91 | Mar-May | 11.2 | 28.7 |
| " | 18 | 114 | March | 5.7 | 15.8 |
| Verde River above Horseshoe | 176 | 124 | Mar-May | 63.0 | 141.8 |
| " | 115 | 194 | March | 25.1 | 59.2 |
| Total Salt River Project Streams | 422 | 100 | Mar-May | 114.7 | 423.4 |
| " | 213 | 133 | March | 74.6 | 159.6 |
| <u>GILA RIVER DRAINAGE</u> | | | | | |
| Gila River at Calva | 32 | 49 | Mar-May | 7.2 | 65.9 |
| Gila River near Gila | 34 | 85 | Mar-May | 12.2 | 40.2 |
| Gila River near Solomon | 70 | 74 | Mar-May | 28.4 | 94.9 |
| " | 30 | 68 | March | 11.7 | 43.8 |
| Gila River near Virden | 38 | 78 | Mar-May | 10.7 | 48.6 |
| Frisco River at Clifton | 38 | 78 | Mar-May | 16.4 | 49.0 |
| Frisco River at Glenwood | 19 | 78 | Mar-May | 5.4 | 24.4 |
| <u>LITTLE COLORADO RIVER DRAINAGE</u> | | | | | |
| Little Colo. River above Lyman Dam | 6.9 | 66 | Mar-June | 2.7 | 10.4 |
| Greer | 5.5 | 77 | Mar-June | 4.5 | 7.1 |
| <u>GRANITE CREEK DRAINAGE</u> | | | | | |
| Granite Creek | 1.7 | --- | Mar-May | --- | --- |
| Willow Creek | 1.5 | --- | Mar-May | --- | --- |
| <u>MIMBRES RIVER DRAINAGE</u> | | | | | |
| Mimbres River near Mimbres | 2.6 | --- | Mar-May | --- | --- |
| <u>COLORADO RIVER DRAINAGE</u> | | | | | |
| Virgin River near Littlefield | 34 | 71 | Apr-June | 32.8 | 47.9 |
| Lake Mary Inflow | 5.3 | 123 | Mar-May | --- | 4.3 |
| † Based on 15-year period, 1963-77 | | | | | |
| * Average for less than 15 years. | | | | | |

WATER SUPPLY INVENTORY SALT RIVER VALLEY SYSTEM

IN ACRE-FEET

AVERAGE WATER SUPPLY
ON MARCH 1

ANTICIPATED WATER SUPPLY
MARCH 1, 1982



Based on Present Storage + Forecast Spring Runoff + Average Summer Runoff

RESERVOIR STORAGE (Thousand Acre Feet)

| BASIN or STREAM | RESERVOIR | Usable Capacity | Usable Storage | | |
|--|-------------------------------------|-----------------|----------------|-----------|----------|
| | | | This Year | Last Year | Average† |
| <u>GILA RIVER DRAINAGE</u> | | | | | |
| Agua Fria | Lake Pleasant | 157.6 | 68.8 | 103.5 | 75.5 |
| Granite | Watson Lake | 4.7 | 4.6 | 1.9 | 3.0 |
| Granite | Willow Creek | 6.1 | 2.2 | 0.8 | 2.9* |
| Gila | San Carlos | 945.0 | 265.0 | 645.0 | 252.0 |
| Gila | Painted Rock Dam | 2,492.0 | --- | --- | --- |
| Salt (4) | Roosevelt, Apache, Canyon & Saguaro | 1,709.0 | 1,206.0 | 1,406.0 | 1,227.0 |
| Verde (2) | Bartlett and Horseshoe | 309.6 | 201.0 | 53.7 | 140.3 |
| Salt and Verde | 6 Salt River Project Reservoirs | 2,019.0 | 1,407.0 | 1,460.0 | 1,367.0 |
| <u>COLORADO RIVER DRAINAGE</u> | | | | | |
| Colorado | Lake Havasu | 619.4 | 559.0 | 553.7 | 541.4 |
| Colorado | Lake Mohave | 1,810.0 | 1,632.0 | 1,706.0 | 1,673.0 |
| Colorado | Lake Mead | 26,159.0 | 23,248.0 | 23,547.0 | 17,526.0 |
| Colorado | Lake Powell | 25,002.0 | 19,486.0 | 21,645.0 | 10,064.0 |
| Little Colorado | Lyman | 30.6 | --- | 23.4 | 15.6 |
| Little Colorado | Show Low Lake | 5.1 | 0.8 | 0.6 | 1.8 |
| † Based on 15-year average, 1963-77 | | | | | |
| * Average is for less than 15 years of record. | | | | | |

† Based on 15-year average, 1963-77

* Average is for less than 15 years of record.

BASIN SNOW COVER GOES WEST SATELLITE

FEBRUARY 22, 1982



PREVIOUS SNOW COVER

| | VERDE RIVER | SALT RIVER | | VERDE RIVER | SALT RIVER |
|---------------|-------------|------------|--|-------------|------------|
| December 1981 | | | | | |
| 2 | 36% | 24% | | | |
| 7 | 22% | 8% | | | |
| 8 | 14% | 7% | | | |
| 9 | 13% | 4% | | | |
| 10 | 2% | 3% | | | |
| January 1982 | | | | | |
| 4 | 66% | 57% | | | |
| 13 | 56% | 43% | | | |
| 25 | 59% | 18% | | | |
| 26 | 55% | 18% | | | |
| February 1982 | | | | | |
| 1 | 20% | 18% | | | |
| 12 | 18% | 21% | | | |
| 19 | 17% | 18% | | | |
| 22 | 13% | 16% | | | |

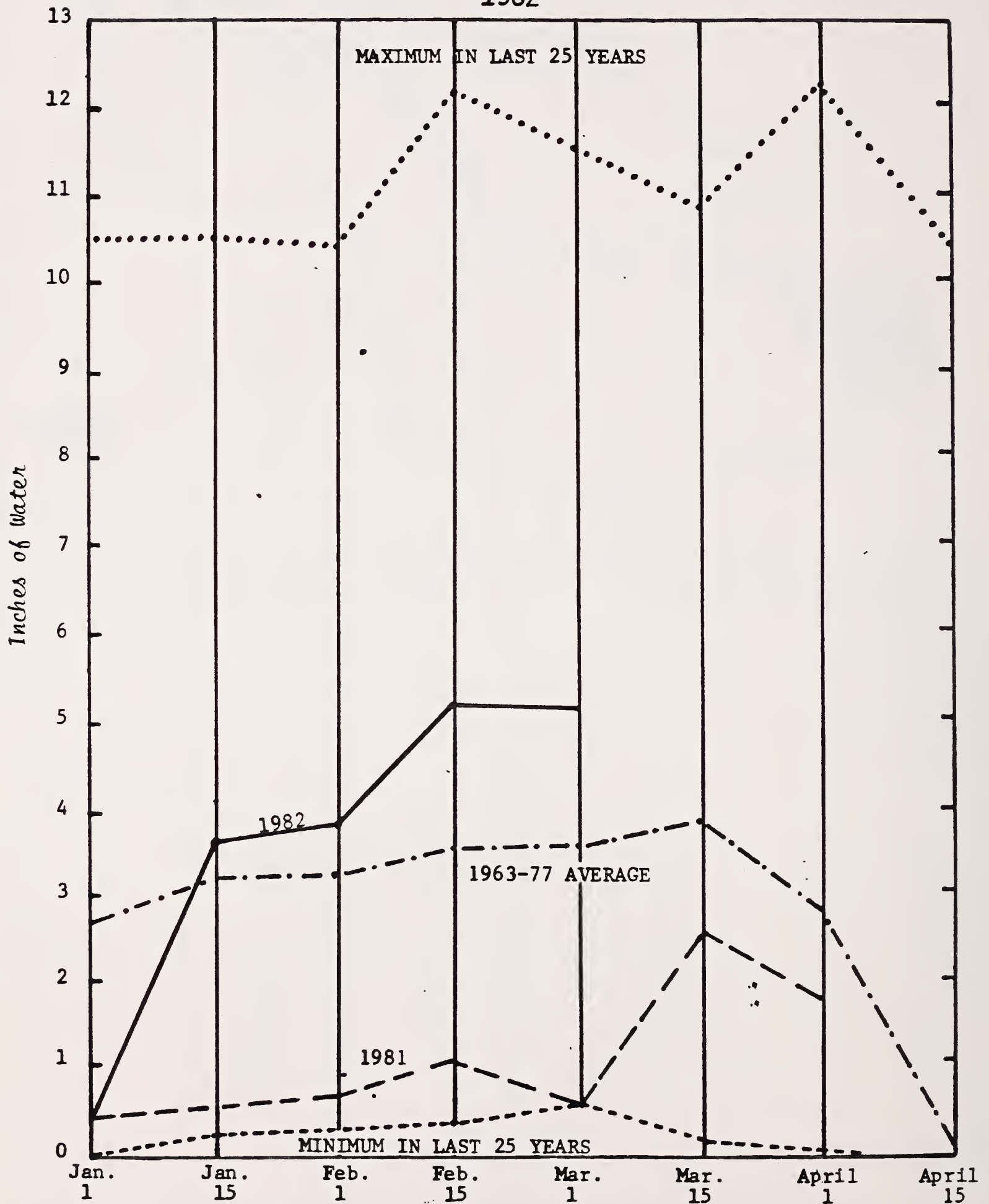
SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

| RIVER BASIN and/or SUB-WATERSHED | Number of Courses Averaged | THIS YEAR'S SNOW WATER AS PERCENT OF: | |
|----------------------------------|----------------------------------|---------------------------------------|---------|
| | | Last Year | Average |
| <u>ABOUT FEBRUARY 15, 1982</u> | | | |
| Gila | 10 | 557 | 100 |
| Salt | 10 | 388 | 135 |
| Verde | 10 | 607 | 212 |
| Little Colorado | 5 | 305 | 122 |
| <u>ABOUT MARCH 1, 1982</u> | | | |
| Gila | 10 | 355 | 103 |
| Salt | 10 | 590 | 126 |
| Verde | 10 | 1,200 | 221 |
| Little Colorado | 5 | 531 | 128 |

ARIZONA

AVERAGE SNOW COVER

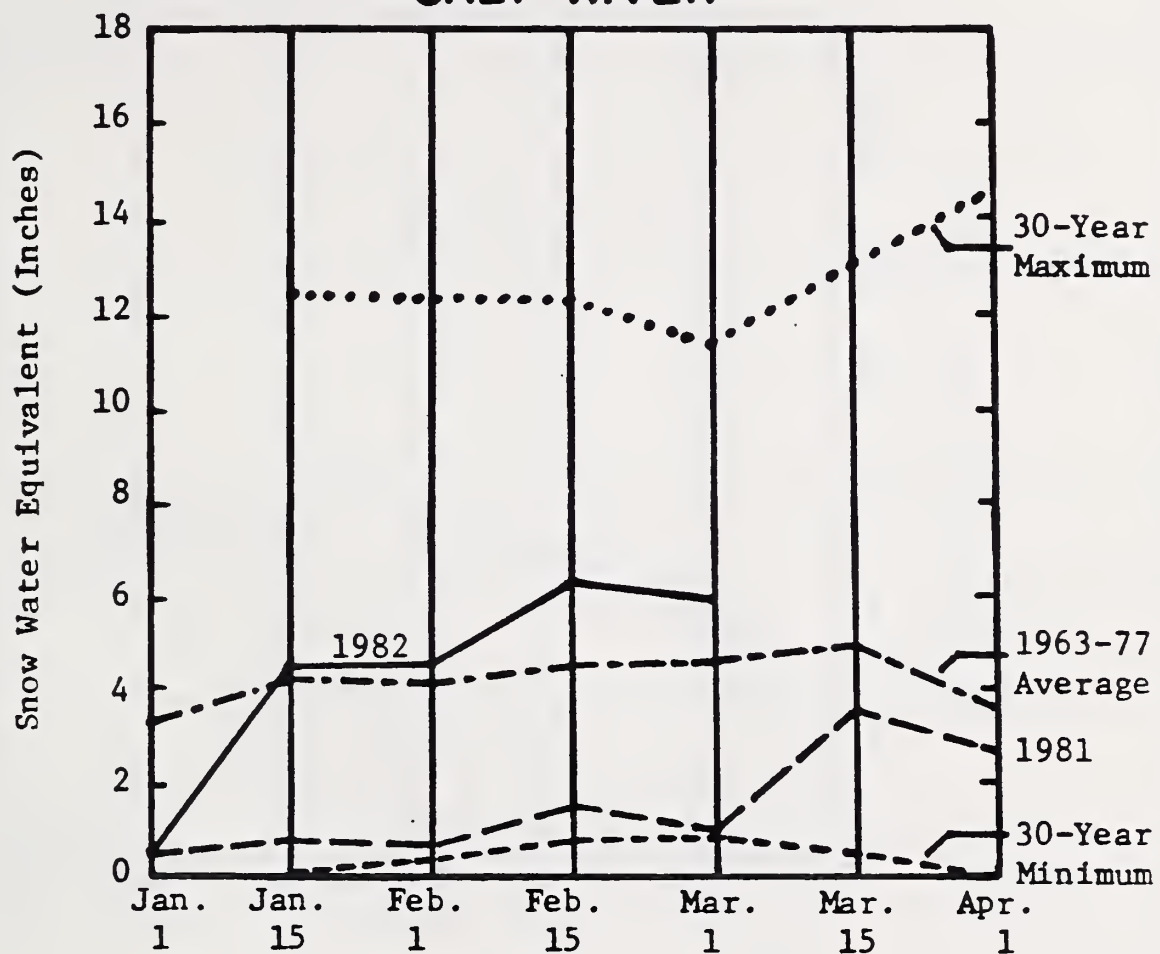
1982



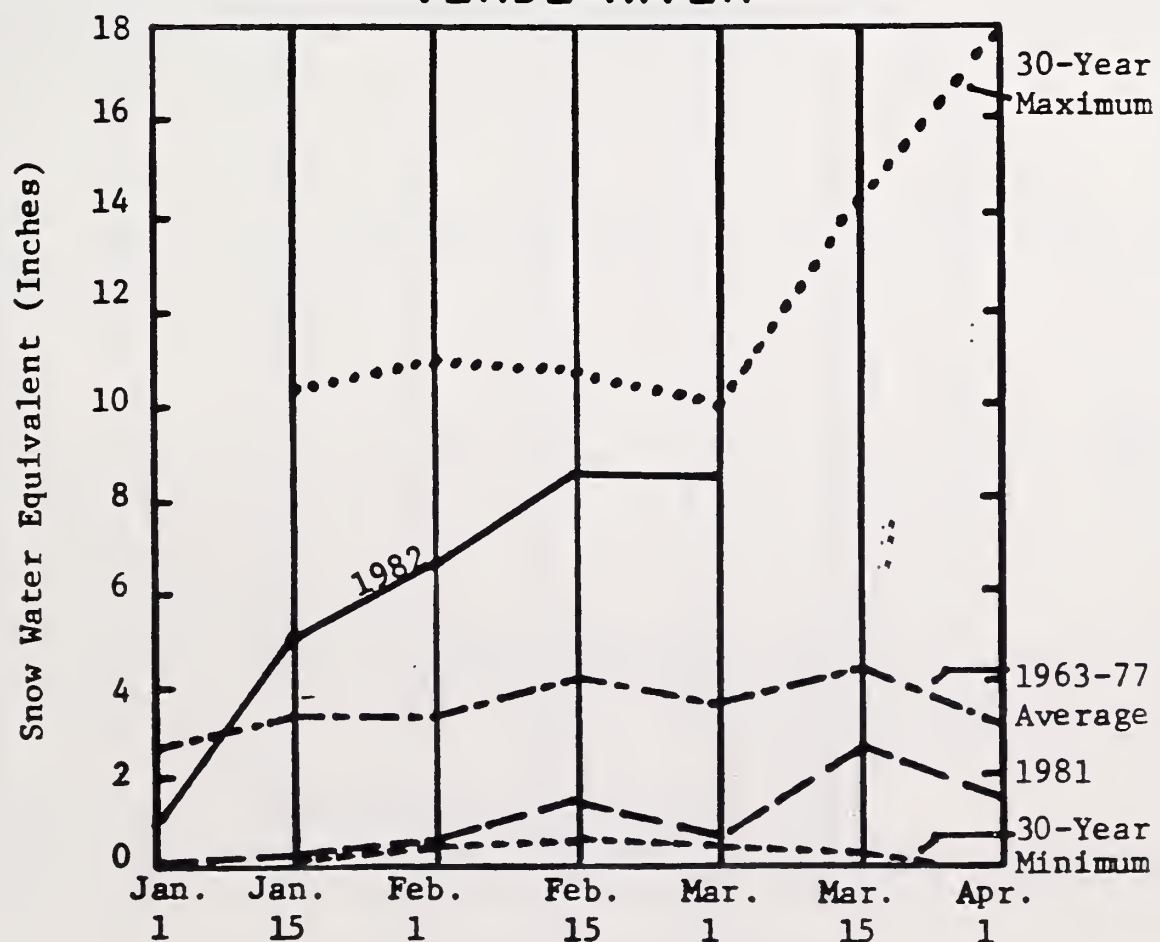
This graph represents the average snow water content on eleven selected snow courses on Arizona Sub-Watersheds.

WATERSHED SNOW COVER

SALT RIVER

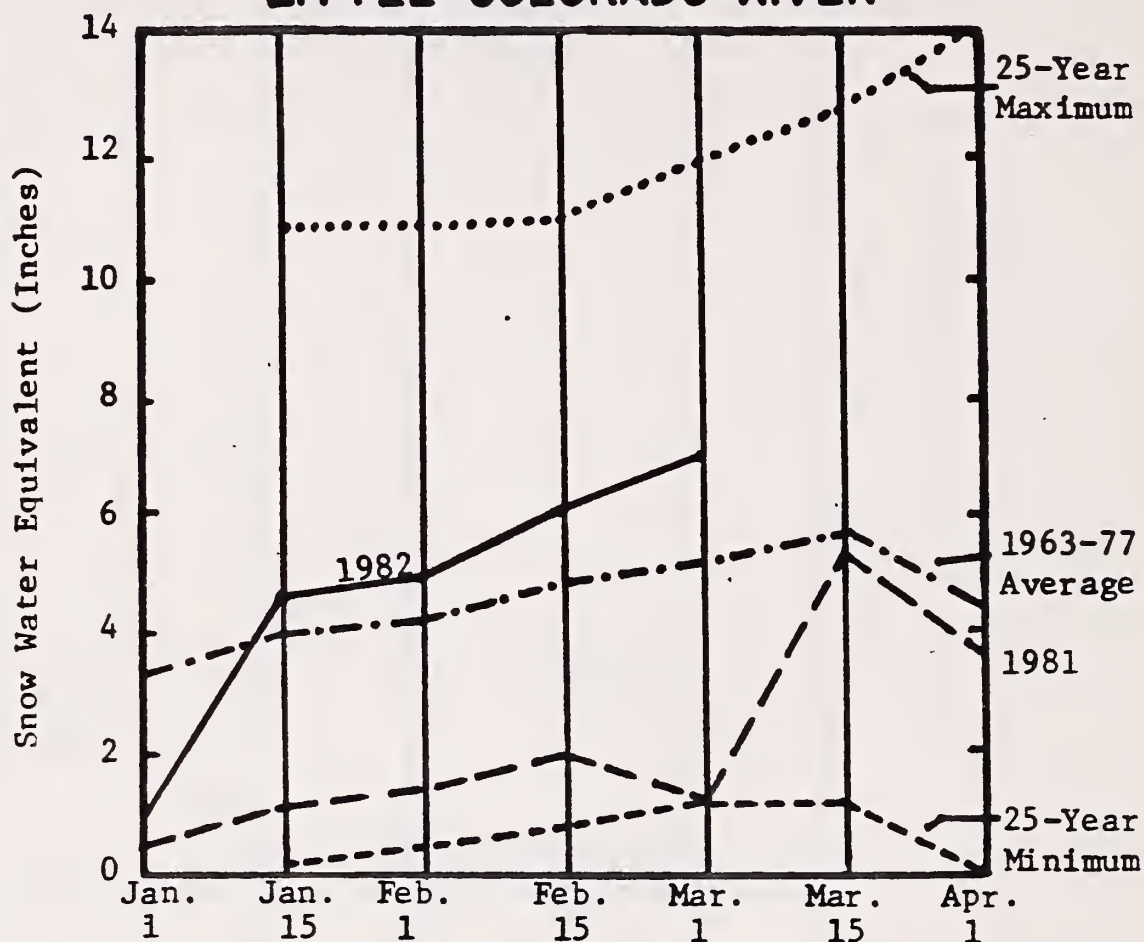


VERDE RIVER

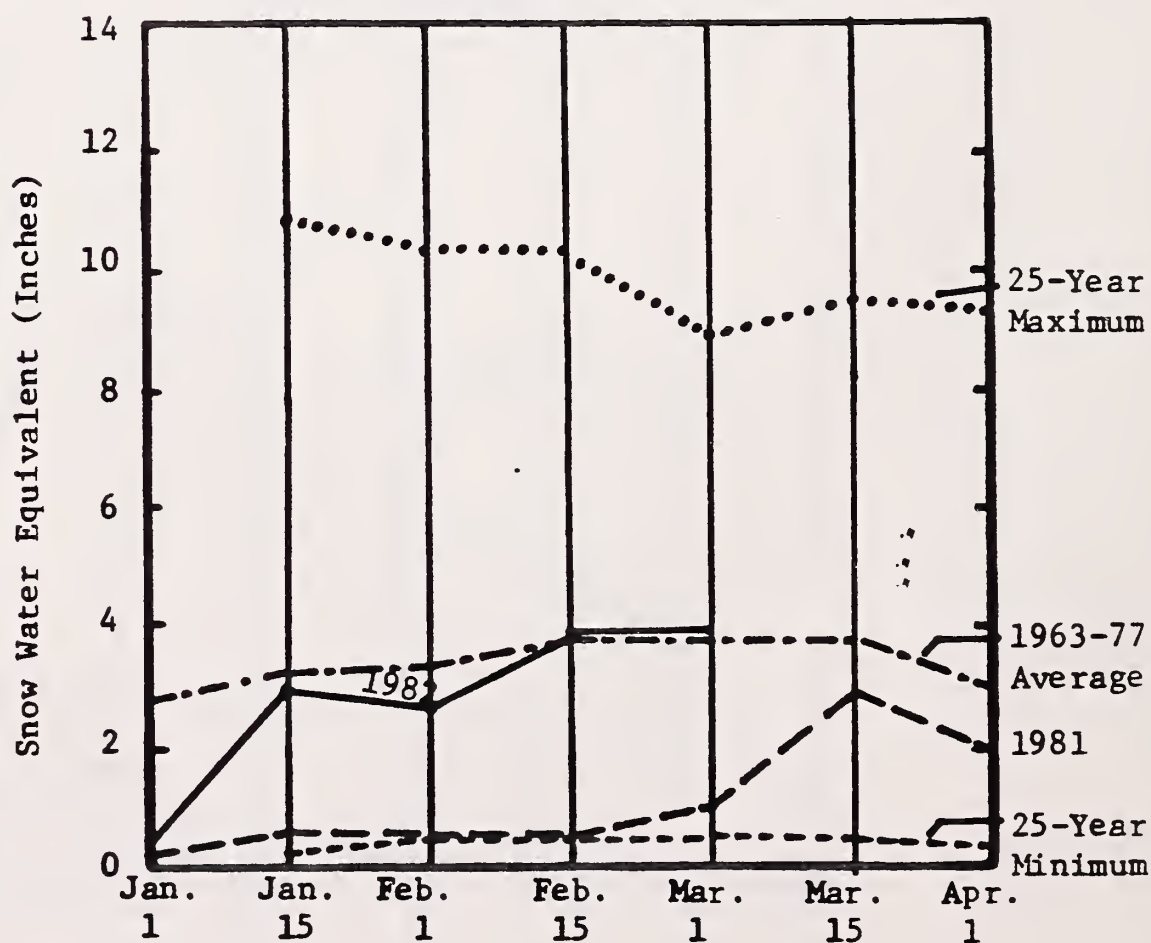


WATERSHED SNOW COVER

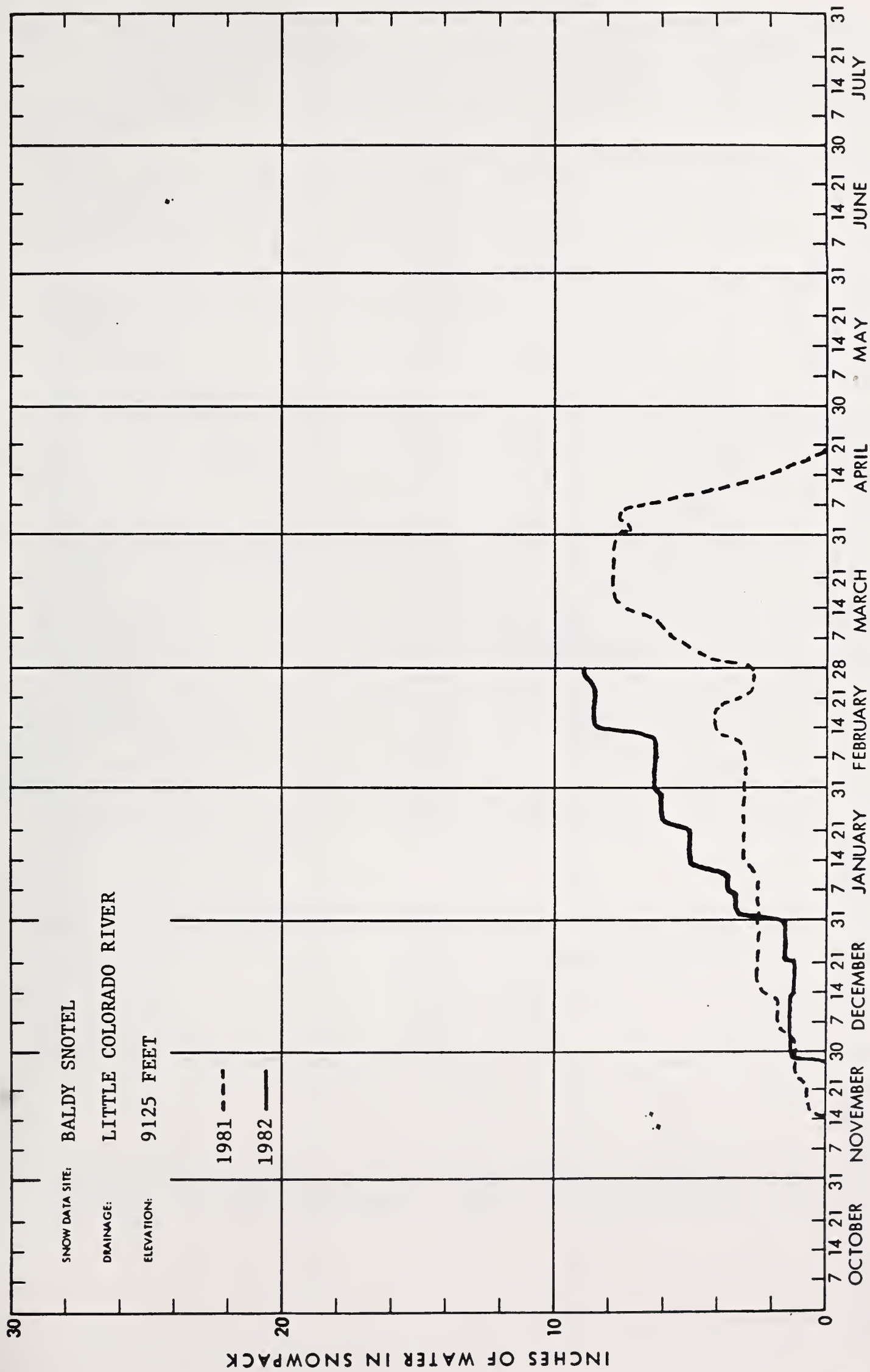
LITTLE COLORADO RIVER



GILA RIVER

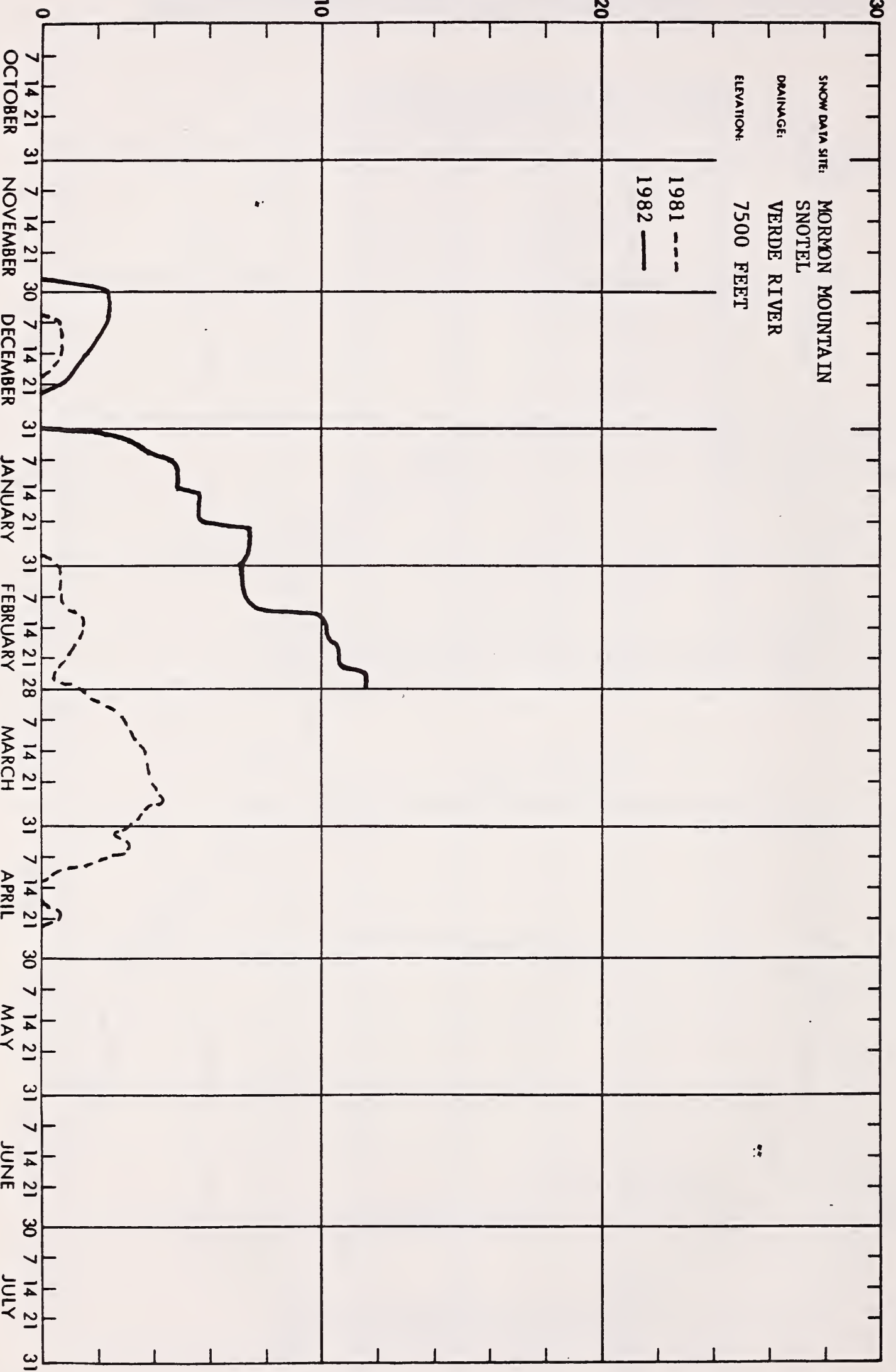


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INCHES OF WATER IN SNOWPACK



SNOW ABOUT MARCH 1, 1982

| DRAINAGE BASIN and/or SNOW COURSE | | THIS YEAR | | | PAST RECORD | |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|-----------|
| | | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) | |
| NAME | Elevation | | | | Last Year | Average † |
| SALT RIVER | | | | | | |
| Baldy* | 9220 | 2/25 | 28 | 8.0 | 0.7 | 6.5 |
| BALDY SNOTEL | 9220 | 3/1 | - | 8.5 | 2.5 | --- |
| Beaver Head | 8000 | 2/25 | 8 | 2.1 | 0.9 | 2.3 |
| BONITO ROCK SNOTEL | 8270 | 3/1 | - | 10.6 | --- | --- |
| Canyon Creek | 7500 | 2/25 | 12 | 4.0 | 0.8 | 3.3 |
| Canyon Point | 7600 | 2/25 | 19 | 6.5 | 0.8 | 3.8** |
| Coronado Trail | 8400 | 2/25 | 11 | 2.9 | 1.1 | 2.7 |
| CORONADO TRAIL SNOTEL | 8400 | 3/1 | - | 2.0 | 0.0 | --- |
| Forest Dale | 6430 | 2/25 | 0 | 0.0 | 0.0 | 0.6 |
| Ft. Apache | 9160 | 2/25 | 31 | 9.0 | 1.9 | 7.1 |
| Hannagan Meadows | 9090 | 2/25 | 35 | 9.5 | 4.0 | 8.2** |
| HANNAGAN MEADOWS SNOTEL | 8960 | 3/1 | - | 10.7 | 5.0 | --- |
| Hawley Lake | 8250 | 2/25 | 32 | 10.2 | 0.7 | 6.2** |
| HAWLEY LAKE SNOTEL | 8250 | 3/1 | - | 9.8 | --- | --- |
| Heber | 7640 | 2/25 | 15 | 5.4 | 0.7 | 3.6 |
| HEBER SNOTEL | 7640 | 3/1 | - | 7.3 | 0.7 | --- |
| Maverick Fork | 9050 | 2/25 | 32 | 9.5 | 0.4 | 8.1 |
| MAVERICK FORK SNOTEL | 9200 | 3/1 | - | 7.9 | 1.3 | --- |
| McNary | 7225 | 2/25 | 11 | 4.0 | 0.0 | 1.9 |
| McNARY SNOTEL | 7225 | 3/1 | - | 3.4 | 0.0 | --- |
| Milk Ranch | 7000 | 2/25 | 2 | 0.6 | 0.0 | 0.7 |
| Mt. Ord (A) | 11000 | NOT SCHEDULED | | | --- | --- |
| Nutrios* | 8500 | 2/25 | 5 | 1.4 | 0.3 | 1.9 |
| Promontory Butte | 7900 | 2/26 | 45 | 16.6 | 2.6 | 11.5** |
| PROMONTORY SNOTEL | 7900 | NO REPORT | | | 3.5 | --- |
| Smith Cienega (A) | 9850 | NOT SCHEDULED | | | --- | --- |
| Sunrise Summit | 10600 | 2/24 | 49 | 14.8 | 4.2 | 12.2** |
| Wilson Lake | 9000 | 2/24 | 38 | 12.0 | 3.4 | 9.4** |
| Workman Creek | 6900 | LATE REPORT | | | 0.0 | 5.4 |
| WORKMAN CREEK SNOTEL | 6900 | 3/1 | - | 7.6 | 0.0 | --- |
| LOWER COLORADO RIVER | | | | | | |
| Bill Williams Intermediate | 8550 | 2/26 | 44 | 13.8 | 1.0 | 7.4** |
| Bill Williams Summit | 8950 | 2/26 | 54 | 16.6 | 2.9 | 10.1** |
| Bright Angel | 8400 | LATE REPORT | | | --- | --- |
| Chalender * | 7100 | 2/25 | 20 | 7.8 | 0.3 | 2.4 |
| Fort Valley | 7350 | 2/25 | 15 | 4.5 | 0.2 | 1.6 |
| Grand Canyon | 7500 | 2/27 | 9 | 1.9 | --- | 1.4 |
| Williams Ski Run | 7720 | 2/26 | 45 | 14.2 | 1.8 | 6.6** |

† 1963-77 15-year period. (*) Adjacent drainage. (**) 1963-77 Adjusted Average. (A) Aerial observation: water content estimated. Snotel data is edited.

SNOW ABOUT MARCH 1, 1982

| SNOW ABOUT MARCH 1, 1982 | | THIS YEAR | | | PAST RECORD | |
|---|-----------|-------------------------|---------------------|------------------------|------------------------|-----------|
| DRAINAGE BASIN and/or SNOW COURSE | | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) | |
| NAME | Elevation | | | | Last Year | Average † |
| GILA RIVER | | | | | | |
| Bear Wallow | 8100 | 2/25 | 10 | 5.4 | 0.0 | 3.3 |
| Beaver Head | 8000 | 2/25 | 8 | 2.1 | 0.9 | 2.3 |
| Coronado Trail | 8400 | 2/25 | 11 | 2.9 | 1.1 | 2.7 |
| CORONADO TRAIL SNOTEL | 8400 | 3/1 | - | 2.0 | 0.0 | --- |
| Emory Pass #1 * | 7800 | D I S C O N T I N U E D | | | | |
| Emory Pass #2 * | 7800 | 2/24 | T | 0.2 | 0.0 | 1.5** |
| Frisco Divide | 8000 | 2/25 | 8 | 2.2 | 0.0 | 2.3 |
| FRISCO DIVIDE SNOTEL | 8000 | 3/1 | - | 2.4 | 0.0 | --- |
| Hannagan Meadows * | 9090 | 2/25 | 35 | 9.5 | 4.0 | 8.2** |
| HANNAGAN MEADOWS SNOTEL | 8960 | 3/1 | - | 10.7 | 5.0 | --- |
| Hummingbird (A) | 10550 | 2/24 | 44 | 11.9 | 1.8 | 13.8** |
| LOOKOUT MOUNTAIN SNOTEL | 8150 | 3/1 | - | 2.5 | --- | --- |
| McKnight Cabin * (A) | 9300 | 2/24 | 25 | 7.0 | 0.0 | 3.8** |
| Mogollon | 7000 | NO REPORT | | | 0.0 | 0.7 |
| Nutrioso | 8500 | 2/25 | 5 | 1.4 | 0.3 | 1.9 |
| Redstone Trail | 8600 | NO REPORT | | | 1.3 | 6.6 |
| Rose Canyon | 7300 | 2/25 | 1 | 0.6 | 0.0 | 1.8 |
| SIGNAL PEAK SNOTEL | 8360 | 3/1 | - | 9.9 | --- | --- |
| Silver Creek Divide | 9070 | NO REPORT | | | 3.2 | 10.0** |
| SILVER CREEK SNOTEL | 9070 | 3/1 | - | 10.8 | 3.1 | --- |
| State Line | 8000 | 2/25 | 7 | 1.7 | 0.0 | 2.2 |
| Whitewater (A) | 10750 | 2/24 | 72 | 19.4 | 13.0 | 17.0** |
| VERDE RIVER | | | | | | |
| Baker Butte | 7330 | 2/25 | 22 | 7.9 | 0.9 | 6.0** |
| BAKER BUTTE SNOTEL | 7330 | 3/1 | - | 6.8 | 0.8 | --- |
| Baker Butte #2 | 7700 | 2/25 | 47 | 15.7 | 2.3 | 11.4** |
| Camp Wood | 5700 | 2/25 | 0 | 0.0 | 0.0 | 0.2 |
| Chalender * | 7100 | 2/25 | 20 | 7.8 | 0.3 | 2.4 |
| Copper Basin Divide | 6720 | 2/25 | 2 | 0.8 | 0.2 | 1.2 |
| Fort Valley | 7350 | 2/25 | 15 | 4.5 | 0.2 | 1.6 |
| FRY SNOTEL | 7200 | 3/1 | - | 8.2 | 0.0 | --- |
| Gaddes Canyon | 7600 | 2/25 | 38 | 12.8 | 0.9 | 4.8 |
| Happy Jack | 7630 | 2/26 | 29 | 10.0 | 0.5 | 3.3 |
| Iron Springs * | 6200 | 2/25 | 0 | 0.0 | 0.3 | 0.2 |
| Mingus Mountain | 7100 | 2/25 | 2 | 0.6 | 0.1 | 0.7 |
| Mormon Lake * | 7350 | 2/25 | 27 | 9.1 | 0.7 | 4.0 |
| Mormon Mountain | 7500 | 2/25 | 34 | 12.1 | 0.8 | 5.0 |
| MORMON MOUNTAIN SNOTEL | 7500 | 3/1 | - | 10.2 | 1.3 | --- |
| Mormon Mtn. Summit #2 | 8470 | NOT SCHEDULED | | | --- | --- |
| Newman Park | 6750 | 2/25 | 12 | 4.7 | 0.7 | 1.7 |
| Snow Bowl #1 | 10260 | 2/25 | 65 | 18.0 | 2.5 | 8.9 |
| Snow Bowl #2 | 11000 | 2/25 | 47 | 14.4 | 5.6 | 13.9** |
| SUGAR LOAF SNOTEL | 6120 | 3/1 | - | 0.0 | 0.0 | --- |
| White Horse Lake Jct. | 7180 | 2/26 | 21 | 7.0 | 0.5 | 2.8** |
| WHITE HORSE LAKE SNOTEL | 7180 | 3/1 | - | 8.0 | 1.2 | --- |
| White Spar | 6000 | 2/25 | 0 | 0.0 | 0.0 | 0.2 |
| † 1963-77 15-year period. (*) Adjacent drainage. (**) 1963-77 Adjusted Average. (A) Aerial observation: water content estimated. Snotel data is edited. | | | | | | |

SNOW ABOUT MARCH 1, 1982

| DRAINAGE BASIN and/or SNOW COURSE | | THIS YEAR | | | PAST RECORD | |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|-----------|
| | | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) | |
| NAME | Elevation | | | | Last Year | Average † |
| LITTLE COLORADO RIVER | | | | | | |
| Baldy | 9220 | 2/25 | 28 | 8.0 | 0.7 | 6.5 |
| BALDY SNOTEL | 9220 | 3/1 | - | 8.5 | 2.5 | --- |
| Canyon Creek | 7500 | 2/25 | 12 | 4.0 | 0.8 | 3.3 |
| Canyon Point | 7600 | 2/25 | 19 | 6.5 | 0.8 | 3.8** |
| Cheese Springs | 8600 | 2/24 | 26 | 7.5 | 2.8 | 6.5** |
| Forest Dale | 6430 | 2/25 | 0 | 0.0 | 0.0 | 0.6 |
| Ft. Apache | 9160 | 2/25 | 31 | 9.0 | 1.9 | 7.1 |
| Fort Valley | 7350 | 2/25 | 15 | 4.5 | 0.2 | 1.6 |
| Happy Jack | 7630 | 2/26 | 29 | 10.0 | 0.5 | 3.3 |
| Heber | 7640 | 2/25 | 15 | 5.4 | 0.7 | 3.6 |
| HEBER SNOTEL | 7640 | 3/1 | - | 7.3 | 0.7 | --- |
| Lake Mary | 6970 | 2/25 | 21 | 6.1 | 0.5 | --- |
| McNary | 7225 | 2/25 | 11 | 4.0 | 0.0 | 1.9 |
| MCNARY SNOTEL | 7225 | 3/1 | - | 3.4 | 0.0 | --- |
| Mormon Lake | 7350 | 2/25 | 27 | 9.1 | 0.7 | 4.0 |
| Mormon Mountain | 7500 | 2/25 | 34 | 12.1 | 0.8 | 5.0 |
| MORMON MOUNTAIN SNOTEL | 7500 | 3/1 | - | 10.2 | 1.3 | --- |
| Mormon Mtn. Summit #2 | 8470 | NOT SCHEDULED | | | --- | --- |
| Nutriso * | 8500 | 2/25 | 5 | 1.4 | 0.3 | 1.9 |
| Promontory Butte | 7900 | 2/26 | 45 | 16.6 | 2.6 | 11.5** |
| PROMONTORY SNOTEL | 7900 | NO REPORT | | | 3.5 | --- |
| Snow Bowl #1 | 10260 | 2/25 | 65 | 18.0 | 2.5 | 8.9 |
| Snow Bowl #2 | 11000 | 2/25 | 47 | 14.4 | 5.6 | 13.9** |
| Wilson Lake | 9000 | 2/24 | 38 | 12.0 | 3.4 | 9.4** |

† 1963-77 15-year period. (*) Adjacent drainage. (**) 1963-77 Adjusted Average. (A) Aerial observation: water content estimated. Snotel data is edited.

SNOW ABOUT FEBRUARY 15, 1982

| DRAINAGE BASIN and/or SNOW COURSE | | THIS YEAR | | | PAST RECORD | |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|-----------|
| | | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) | |
| NAME | Elevation | | | | Last Year | Average † |
| SALT RIVER | | | | | | |
| Baldy * | 9220 | 2/10 | 24 | 6.0 | 2.4 | 5.9 |
| BALDY SNOTEL | 9220 | 2/15 | - | 8.4 | 3.8 | --- |
| Beaver Head | 8000 | 2/16 | 10 | 2.8 | 0.3 | 2.7 |
| BONITO ROCK SNOTEL | 8270 | 2/15 | - | 9.9 | --- | --- |
| Canyon Creek | 7500 | 2/11 | 21 | 5.6 | 0.9 | 3.5 |
| Canyon Point | 7600 | 2/12 | 30 | 8.6 | 1.4 | 4.0** |
| Coronado Trail | 8400 | 2/16 | 11 | 3.9 | 0.0 | 2.5 |
| CORONADO TRAIL SNOTEL | 8400 | 2/15 | - | 4.0 | 0.0 | --- |
| Forest Dale | 6430 | 2/12 | 3 | 1.2 | 0.1 | 1.1 |
| Ft. Apache | 9160 | 2/10 | 28 | 6.5 | 2.9 | 6.4 |
| Hannagan Meadows | 9090 | 2/16 | 36 | 7.8 | 3.1 | 7.9** |
| HANNAGAN MEADOWS SNOTEL | 8960 | 2/15 | - | 9.6 | 5.3 | --- |
| Hawley Lake | 8250 | 2/12 | 40 | 11.6 | 1.8 | 6.0** |
| HAWLEY LAKE SNOTEL | 8250 | 2/15 | - | 8.4 | 1.1 | --- |
| Heber | 7640 | 2/11 | 25 | 7.3 | 1.1 | 3.7 |
| HEBER SNOTEL | 7640 | 2/15 | - | 9.6 | 1.3 | --- |
| Maverick Fork | 9050 | 2/15 | - | 7.6 E | 2.1E | 7.4 |
| MAVERICK FORK SNOTEL | 9200 | 2/15 | - | 7.6 | 2.9 | --- |
| McNary | 7225 | 2/12 | 20 | 6.7 | 1.0 | 2.4 |
| MCNARY SNOTEL | 7225 | 2/15 | - | 5.1 | 0.5 | --- |
| Milk Ranch | 7000 | 2/12 | 11 | 4.1 | 1.0 | 1.5 |
| Mt. Ord (A) | 11000 | NOT SCHEDULED | | | --- | --- |
| Nutriososo * | 8500 | 2/16 | 6 | 2.2 | 0.0 | 1.9 |
| Promontory Butte | 7900 | 2/12 | 52 | 16.0 | 3.4 | 10.0** |
| PROMONTORY SNOTEL | 7900 | NO REPORT | | | 2.9 | --- |
| Smith Cienega (A) | 9850 | NOT SCHEDULED | | | --- | --- |
| Sunrise Summit | 10600 | 2/11 | 62 | 14.5 | 4.1 | 11.4** |
| Wilson Lake | 9000 | 2/10 | 37 | 9.0 | 3.7 | 8.3** |
| Workman Creek | 6900 | 2/12 | 27 | 9.4 | 2.1 | 5.5 |
| WORKMAN CREEK SNOTEL | 6900 | 2/15 | - | 11.3 | 1.6 | --- |
| LOWER COLORADO RIVER | | | | | | |
| Bill Williams Intermediate | 8550 | 2/22 | 47 | 14.9 | 1.4 | 7.0** |
| Bill Williams Summit | 8950 | 2/22 | 53 | 16.1 | 2.9 | 9.0** |
| Bright Angel | 8400 | 2/15 | 42 | 9.0 | 0.0 | --- |
| Chalender * | 7100 | 2/16 | 26 | 8.0 | 0.9 | 2.6 |
| Fort Valley | 7350 | 2/16 | 19 | 6.0 | 0.4 | 2.0 |
| Grand Canyon | 7500 | 2/15 | 21 | 5.7 | 0.3 | 1.5 |
| Williams Ski Run | 7720 | 2/18 | 50 | 13.9 | 1.8 | 6.1** |

† 1963-77 15-year period. (*) Adjacent drainage. (**) 1963-77 Adjusted Average. (A) Aerial observation: water content estimated. Snotel data is edited. E = estimate.

SNOW ABOUT FEBRUARY 15, 1982

| SNOW ABOUT FEBRUARY 15, 1982 | | THIS YEAR | | | PAST RECORD | |
|---|-----------|-------------------------|---------------------|------------------------|------------------------|-----------|
| DRAINAGE BASIN and/or SNOW COURSE | | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) | |
| NAME | Elevation | | | | Last Year | Average † |
| GILA RIVER | | | | | | |
| Bear Wallow | 8100 | 2/16 | 19 | 9.8 | --- | 3.8 |
| Beaver Head | 8000 | 2/16 | 10 | 2.8 | 0.3 | 2.7 |
| Coronado Trail | 8400 | 2/16 | 11 | 3.9 | 0.0 | 2.5 |
| CORONADO TRAIL SNOTEL | 8400 | 2/15 | - | 4.0 | 0.0 | --- |
| Emory Pass #1 * | 7800 | D I S C O N T I N U E D | | | | |
| Emory Pass #2 * | 7800 | 2/16 | 1 | 0.4 | 0.3 | 2.0** |
| Frisco Divide | 8000 | 2/12 | 10 | 2.5 | 0.1 | 2.3 |
| FRISCO DIVIDE SNOTEL | 8000 | 2/15 | - | 3.7 | 0.0 | --- |
| Hannagan Meadows * | 9090 | 2/16 | 36 | 7.8 | 3.1 | 7.9** |
| HANNAGAN MEADOWS SNOTEL | 8960 | 2/15 | - | 9.6 | 5.3 | --- |
| Hummingbird (A) | 10550 | NOT SCHEDULED | | | --- | 12.6** |
| LOOKOUT MOUNTAIN SNOTEL | 8150 | 2/15 | - | 3.0 | --- | --- |
| McKnight Cabin * (A) | 9300 | NOT SCHEDULED | | | --- | 3.4** |
| Mogollon | 7000 | NO REPORT | | | 0.0E | 1.2 |
| Nutrioso | 8500 | 2/16 | 6 | 2.2 | 0.0 | 1.9 |
| Redstone Trail | 8600 | NO REPORT | | | 1.0E | 6.3 |
| Rose Canyon | 7300 | 2/16 | 8 | 4.6 | --- | 2.5 |
| SIGNAL PEAK SNOTEL | 8360 | 2/15 | - | 10.5 | --- | --- |
| Silver Creek Divide | 9070 | NO REPORT | | | 2.4E | 9.4** |
| SILVER CREEK SNOTEL | 9070 | 2/15 | - | 8.9 | 2.4 | --- |
| State Line | 8000 | 2/12 | 12 | 2.8 | 0.0 | 2.4 |
| Whitewater (A) | 10750 | NOT SCHEDULED | | | --- | 15.1** |
| VERDE RIVER | | | | | | |
| Baker Butte | 7330 | 2/11 | 30 | 8.4 | 2.1 | 6.2** |
| BAKER BUTTE SNOTEL | 7330 | 2/15 | - | 8.5 | 1.2 | --- |
| Baker Butte #2 | 7700 | 2/11 | 48 | 12.6 | 3.0 | 9.9** |
| Camp Wood | 5700 | 2/12 | T | 0.0 | 0.0 | 0.4 |
| Chalender * | 7100 | 2/16 | 26 | 8.0 | 0.9 | 2.6 |
| Copper Basin Divide | 6720 | 2/12 | 7 | 2.6 | 0.9 | 2.0 |
| Fort Valley | 7350 | 2/16 | 19 | 6.0 | 0.4 | 2.0 |
| FRY SNOTEL | 7200 | 2/15 | - | 10.8 | 1.4 | --- |
| Gaddes Canyon | 7600 | 2/14 | 33 | 10.5 | 1.7 | 4.5 |
| Happy Jack | 7630 | 2/12 | 37 | 10.7 | 1.3 | 3.8 |
| Iron Springs * | 6200 | 2/16 | 0 | 0.0 | 0.0 | 0.4 |
| Mingus Mountain | 7100 | 2/14 | 1 | 0.1 | 0.1 | 1.1 |
| Mormon Lake * | 7350 | 2/16 | 30 | 9.8 | 1.6 | 4.1 |
| Mormon Mountain | 7500 | 2/16 | 38 | 11.9 | 1.6 | 4.8 |
| MORMON MOUNTAIN SNOTEL | 7500 | 2/15 | - | 10.2 | 1.7 | --- |
| Mormon Mtn. Summit #2 | 8470 | NOT SCHEDULED | | | --- | --- |
| Newman Park | 6750 | 2/16 | 22 | 6.6 | 0.9 | 2.2 |
| Snow Bowl #1 | 10260 | 2/13 | 66 | 16.9 | 3.1 | 8.4 |
| Snow Bowl #2 | 11000 | 2/13 | 48 | 12.5 | 5.3 | 13.3** |
| SUGAR LOAF SNOTEL | 6120 | 2/15 | - | 1.5 | --- | --- |
| White Horse Lake Jct. | 7180 | 2/18 | 27 | 7.7 | 1.0 | 3.0** |
| WHITE HORSE LAKE SNOTEL | 7180 | 2/15 | - | 9.5 | 1.6 | --- |
| White Spar | 6000 | 2/16 | 0 | 0.0 | 0.0 | 0.6 |
| + 1963-77 15-year period. (*) Adjacent drainage. (**) 1963-77 Adjusted Average. (A) Aerial observation: water content estimated. Snotel data is edited. E = estimate. | | | | | | |

SNOW ABOUT FEBRUARY 15, 1982

| DRAINAGE BASIN and/or SNOW COURSE | | THIS YEAR | | | PAST RECORD | |
|-----------------------------------|-----------|----------------|---------------------|------------------------|------------------------|-----------|
| | | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) | |
| NAME | Elevation | | | | Last Year | Average † |
| <u>LITTLE COLORADO RIVER</u> | | | | | | |
| Baldy | 9220 | 2/10 | 24 | 6.0 | 2.4 | 5.9 |
| BALDY SNOTEL | 9220 | 2/15 | - | 8.4 | 3.8 | --- |
| Canyon Creek | 7500 | 2/11 | 21 | 5.6 | 0.9 | 3.5 |
| Canyon Point | 7600 | 2/12 | 30 | 8.6 | 1.4 | 4.0** |
| Cheese Springs | 8600 | 2/11 | 33 | 7.5 | 3.0 | 5.6** |
| Forest Dale | 6430 | 2/12 | 3 | 1.2 | 0.1 | 1.1 |
| Ft. Apache | 9160 | 2/10 | 28 | 6.5 | 2.9 | 6.4 |
| Fort Valley | 7350 | 2/16 | 19 | 6.0 | 0.4 | 2.0 |
| Happy Jack | 7630 | 2/12 | 37 | 10.7 | 1.3 | 3.8 |
| Heber | 7640 | 2/11 | 25 | 7.3 | 1.1 | 3.7 |
| HEBER SNOTEL | 7640 | 2/15 | - | 9.6 | 1.3 | --- |
| Lake Mary | 6970 | 2/16 | 21 | 6.1 | 0.0 | --- |
| McNary | 7225 | 2/12 | 20 | 6.7 | 1.0 | 2.4 |
| MCNARY SNOTEL | 7225 | 2/15 | - | 5.1 | 0.5 | --- |
| Mormon Lake | 7350 | 2/16 | 30 | 9.8 | 1.6 | 4.1 |
| Mormon Mountain | 7500 | 2/16 | 38 | 11.9 | 1.6 | 4.8 |
| MORMON MOUNTAIN SNOTEL | 7500 | 2/15 | - | 10.2 | 1.7 | --- |
| Mormon Mtn. Summit #2 | 8470 | NOT SCHEDULED | | | --- | --- |
| Nutriosos * | 8500 | 2/16 | 6 | 2.2 | 0.0 | 1.9 |
| Promontory Butte | 7900 | 2/12 | 52 | 16.0 | 3.4 | 10.0** |
| PROMONTORY SNOTEL | 7900 | NO REPORT | | | 2.9 | --- |
| Snow Bowl #1 | 10260 | 2/13 | 66 | 16.9 | 3.1 | 8.4 |
| Snow Bowl #2 | 11000 | 2/13 | 48 | 12.5 | 5.3 | 13.3** |
| Wilson Lake | 9000 | 2/10 | 37 | 9.0 | 3.7 | 8.3** |

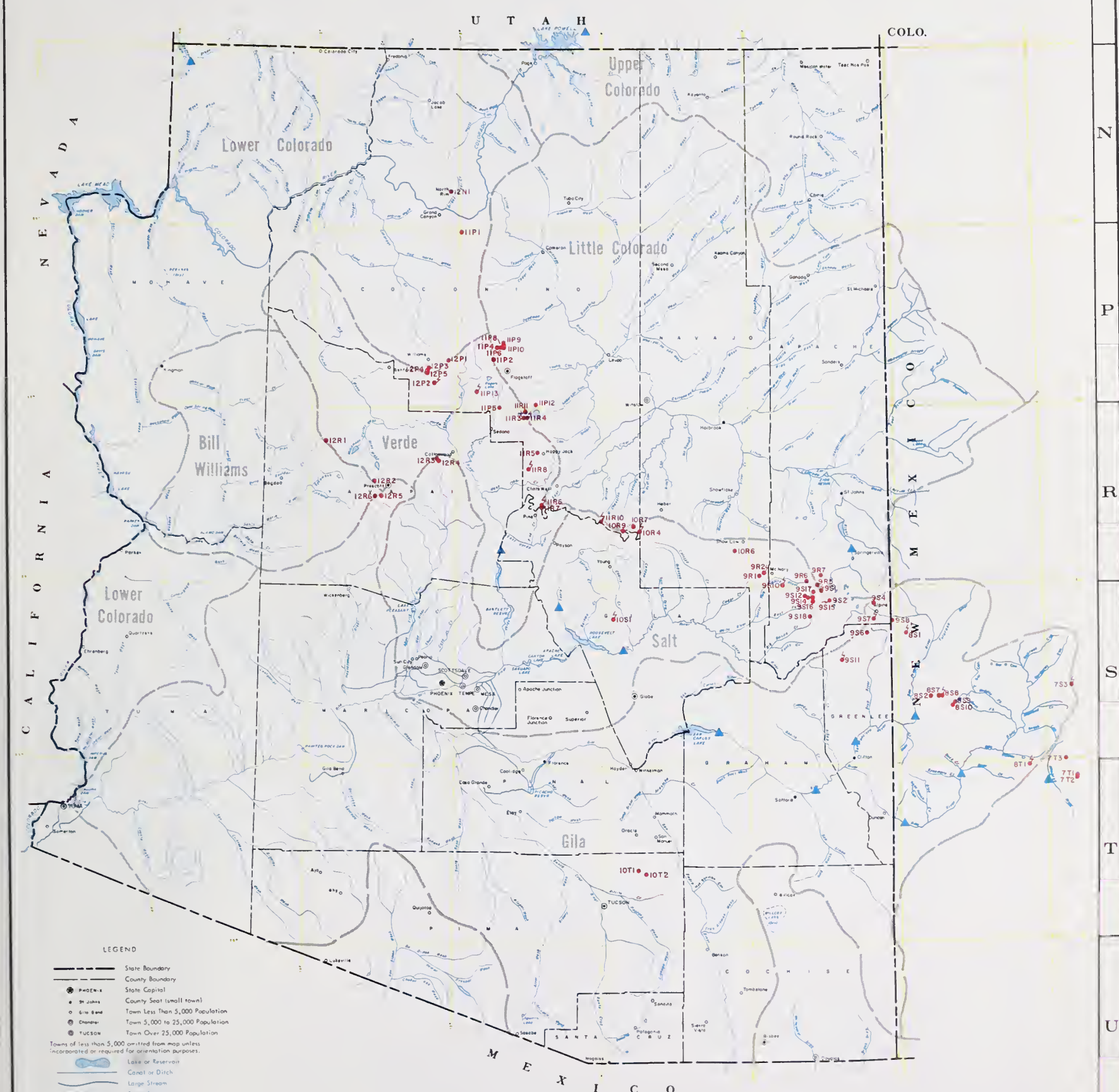
† 1963-77 15-year period. (*) Adjacent drainage. (**) 1963-77 Adjusted Average. (A) Aerial observation: water content estimated. Snotel data is edited.

PRECIPITATION (Inches) ABOUT MARCH 1, 1982

| DRAINAGE BASIN and PRECIPITATION GAGE LOCATION | ELEVATION | CURRENT INFORMATION | | | FROM APPROX. NOV. 1 TO DATE | | |
|---|-----------|---------------------|--------------------------|-----------|-----------------------------|-----------|-----------------------|
| | | Date of Reading | Month's Precipitation | Average † | This Year | Average † | Percent of Average |
| <u>GILA RIVER</u> | | | | | | | |
| Silver Creek Divide | 9000 | — | — | 2.25* | — | 10.51* | — |
| Hannagan Meadows ** | 9030 | 2/25 | 4.10 | 2.24 | 11.10 | 9.60 | 116 |
| Frisco Divide ** | 8000 | 2/25 | 2.25 | 1.21 | 5.25 | 4.53 | 116 |
| <u>SALT RIVER</u> | | | | | | | |
| Canyon Point | 7600 | 2/25 | 4.53 | 2.50* | 16.74 | 12.63 | 156 |
| Hannagan Meadows ** | 9030 | 2/25 | 4.10 | 2.24 | 11.10 | 9.60 | 116 |
| Little Wildcat (Heber Snow Course) | 7600 | 2/25 | 3.81 | 2.17 | 14.83 | 11.18 | 133 |
| Maverick Fork | 9050 | 2/25 | 3.60 | 2.16 | 10.80 | 9.88 | 109 |
| Workman Creek ** | 6970 | | | 3.01 | | 13.19 | |
| Wilson Lake | 9100 | 2/24 | 2.60 | 1.96* | 10.30 | 8.96* | 115 |
| <u>VERDE RIVER</u> | | | | | | | |
| Baker Butte | 7300 | 2/25 | 5.11 | 2.84* | 16.09 | 12.36* | 130 |
| Copper Basin Divide | 6720 | 2/25 | 3.72 | 2.09 | 11.70 | 8.89 | 132 |
| Fort Valley ** | 7350 | 2/25 | 2.64 | 1.44 | 9.13 | 6.66 | 137 |
| Happy Jack ** | 7480 | 2/26 | 5.25 | 2.24 | 15.68 | 9.36 | 168 |
| Mingus Mountain | 7660 | 2/25 | 4.58 | 2.13 | 12.40 | 7.25 | 171 |
| Mormon Mountain | 7500 | 2/25 | 5.31 | 2.76 | 18.11 | 13.20 | 137 |
| White Horse Lake Jct.** | 7150 | 2/26 | 4.30 | 3.91 | 14.40 | 11.21 | 128 |
| <u>LITTLE COLORADO</u> | | | | | | | |
| Greer Lakes | 8500 | 2/25 | 1.20 | 1.06 | 4.40 | 4.99 | 88 |
| Little Wildcat (Heber Snow Course) | 7600 | 2/25 | 3.81 | 2.17 | 14.83 | 11.18 | 133 |
| Sheep Crossing (Baldy Snow Course) | 9125 | 2/25 | 3.40 | 1.94 | 10.72 | 8.87 | 121 |
| 1963-77 Average * Adjusted Average ** Data Supplied by U.S. Forest Service | | | | | | | |

PRECIPITATION (Inches) ABOUT MARCH 1, 1982 (SNOTEL SITES)

| DRAINAGE BASIN and PRECIPITATION GAGE LOCATION | ELEVATION | CURRENT INFORMATION | | | FROM APPROX. NOV. 1 TO DATE | | |
|---|-----------|---------------------|--------------------------|-----------|-----------------------------|-----------|-----------------------|
| | | Date of Reading | Month's Precipitation | Average + | This Year | Average + | Percent of Average |
| <u>GILA RIVER</u> | | | | | | | |
| Coronado Trail | 8400 | 3/1 | 2.5 | --- | 7.0 | --- | --- |
| Hannagan Meadows | 8960 | 3/1 | 3.4 | --- | 11.0 | --- | --- |
| Frisco Divide | 8000 | 3/1 | 1.7 | --- | 5.3 | --- | --- |
| Silver Creek Divide | 9000 | 3/1 | 4.6 | --- | 12.4 | --- | --- |
| Lookout Mountain | 8150 | 3/1 | 2.3 | --- | 7.2 | --- | --- |
| Signal Peak | 8360 | 3/1 | 2.6 | --- | 11.6 | --- | --- |
| <u>SALT RIVER</u> | | | | | | | |
| Promontory | 7930 | --- | --- | --- | --- | --- | --- |
| Heber | 7640 | 3/1 | 3.4 | --- | 14.7 | --- | --- |
| Hawley Lake | 8250 | 3/1 | 4.1 | --- | 14.2 | --- | --- |
| McNary | 7200 | 3/1 | 3.4 | --- | 10.3 | --- | --- |
| Bonito Rock | 8270 | 3/1 | 3.9 | --- | 14.2 | --- | --- |
| Hannagan Meadows | 8960 | 3/1 | 3.4 | --- | 11.0 | --- | --- |
| Maverick Fork | 9050 | 3/1 | 3.8 | --- | 11.1 | --- | --- |
| Coronado Trail | 8400 | 3/1 | 2.5 | --- | 7.0 | --- | --- |
| Workman Creek | 6900 | 3/1 | 5.2 | --- | 21.1 | --- | --- |
| <u>VERDE RIVER</u> | | | | | | | |
| White Horse Lake | 7180 | 3/1 | 3.5 | --- | 13.9 | --- | --- |
| Fry | 7200 | 3/1 | 3.3 | --- | 13.7 | --- | --- |
| Mormon Mountain | 7500 | 3/1 | 4.3 | --- | 15.5 | --- | --- |
| Sugar Loaf | 6120 | 3/1 | 3.4 | --- | 11.2 | --- | --- |
| Baker Butte | 7300 | 3/1 | 4.5 | --- | 15.8 | --- | --- |
| <u>LITTLE COLORADO</u> | | | | | | | |
| Baldy | 9125 | 3/1 | 3.2 | --- | 10.5 | --- | --- |
| McNary | 7200 | 3/1 | 3.4 | --- | 10.3 | --- | --- |
| Heber | 7640 | 3/1 | 3.4 | --- | 14.7 | --- | --- |
| Promontory | 7930 | --- | --- | --- | --- | --- | --- |
| Snotel data edited | | | | | | | |



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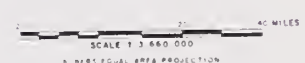
LEGEND

- State Boundary
- County Boundary
- State Capital
- County Seat (small town)
- Town Less Than 5,000 Population
- Town 5,000 to 25,000 Population
- Town Over 25,000 Population
- Towns of less than 5,000 omitted from map unless incorporated or required for orientation purposes.
- Lake or Reservoir
- Canal or Ditch
- Large Stream
- Small Stream
- Water Spreading
- Forecast Point
- Watershed Boundary
- Sub-watershed Boundary
- Snow Data Measuring Site
- Radio Telemetry



SNOW COURSES AND RELATED
DATA MEASURING SITES
ARIZONA

1982



USGS National Atlas 1:1,000,000 Albers
Equal-Area projection (1987) used as source
for base map and adapted for SCS use.

INDEX TO SNOW COURSES

| NUMBER | NAME | SEC. | TWP. | RGE. | ELEV. | DRAINAGE | OBSERVER | RECORD BEGAN |
|------------|---------------------------|------|------|-------|-------|--------------------|----------|--------------|
| 11P10A | Agassiz | 32 | 23N | 7E | 11200 | Little Colorado | SCS-CF* | 1968 |
| 11R6PSPRT | Baker Butte | 4 | 12N | 9E | 7300 | Verde | SCS | 1966 |
| 11R7 | Baker Butte #2 | 9 | 12N | 9E | 7700 | Verde | SCS | 1971 |
| 9S1APSPRT | Baldy | 28 | 7N | 27E | 9125 | Little Colorado | SCS | 1950 |
| 9S15 | Baldy #2 | 12 | 6N | 26E | 9750 | Little Colorado | SCS | 1963 |
| 9S16 | Baldy #3 | 13 | 6N | 26E | 10950 | Little Colorado | SCS | 1963 |
| 10T1 | Bear Wallow | 6 | 12S | 16E | 8100 | Gila | FS | 1948 |
| 9S6 | Beaver Head | 13 | 4N | 30E | 8000 | San Francisco | FS | 1938 |
| 12P5 | Bill William Intermediate | 17 | 21N | 2E | 8550 | Cataract | FS | 1967 |
| 12P4 | Bill Williams Summit | 17 | 21N | 2E | 8950 | Verde | FS | 1967 |
| 9S18PSPRT | Bonito Rock | | 5N | 26E | 8270 | Salt | SCS | 1979 |
| 12N1 | Bright Angel | 34 | 33N | 3E | 8400 | Bright Angel Creek | NPS | 1947 |
| 12R1 | Camp Wood | 3 | 16N | 6W | 5700 | Verde | FS | 1946 |
| 10R7 | Canyon Creek #2 | 18 | 11N | 15E | 7500 | Little Colorado | SCS | 1958 |
| 10R9P | Canyon Point | 28 | 11N | 14E | 7600 | Salt | SCS | 1967 |
| 12P1 | Chalender | 27 | 22N | 3E | 7100 | Verde | FS | 1947 |
| 9R7 | Cheese Springs | 28 | 8N | 27E | 8600 | Little Colorado | SCS | 1969 |
| 12R6P | Copper Basin Divide | 23 | 13N | 3W | 6720 | Verde | SCS | 1963 |
| 9S7PSPRT | Coronado Trail | 26 | 5N | 30E | 8000 | San Francisco | FS | 1938 |
| 7T1 | Emory Pass #1 | 16 | 16S | 9W** | 7800 | Mimbres | SCS | 1967 |
| 7T2 | Emory Pass #2 | 16 | 16S | 9W** | 7800 | Mimbres | SCS | 1967 |
| 11P13PSPRT | Fry | 35 | 20N | 5E | 7220 | Verde | SCS | 1978 |
| 10R6 | Forest Dale | 2 | 9N | 21E | 6430 | Salt | BIA | 1939 |
| 9R5 | Ft. Apache | 18 | 7N | 27E | 9160 | Little Colorado | SCS | 1951 |
| 11P2P | Ft. Valley | 22 | 22N | 6E | 7350 | Little Colorado | FS | 1947 |
| 8S1PSPRT | Frisco Divide | 31 | 6S | 20W** | 8000 | San Francisco | FS | 1938 |
| 12R4 | Gaddes Canyon | 11 | 15N | 2E | 7600 | Verde | SCS | 1954 |
| 11P1 | Grand Canyon | 21 | 30N | 4E | 7500 | Hance Creek | NPS | 1947 |
| 9S11PSPRT | Hannagan Meadows | 19 | 3N | 29E | 9090 | San Francisco | FS | 1964 |
| 11R5P | Happy Jack | 30 | 16N | 9E | 7630 | Verde | FS | 1951 |
| 9R10PSPRT | Hawley Lake | 13 | 7N | 24E | 8300 | Salt | BIA | 1966 |
| 10R4PSPRT | Heber | 28 | 11N | 15E | 7600 | Little Colorado | SCS | 1950 |
| 8S9A | Hummingbird | 19 | 11S | 17W** | 10550 | Gila | SCS | 1964 |
| 11P9P | Inner Basin #1 | 28 | 23N | 7E | 10000 | Little Colorado | SCS-CF* | 1967 |
| 11P8P | Inner Basin #2 | 28 | 23N | 7E | 9750 | Little Colorado | SCS | 1967 |
| 12R2 | Iron Springs | 22 | 14N | 3W | 6200 | Little Colorado | SCS | 1946 |
| 11P12 | Lake Mary | 21 | 19N | 9E | 6930 | Little Colorado | SCS | 1975 |
| 7S3PSPRT | Lookout Mountain | 1 | 10S | 10W | 8500 | Gila | SCS | 1978 |
| 9S2APSPRT | Maverick Fork | 13 | 6N | 27E | 9150 | Salt | SCS | 1950 |
| 7T3A | McKnight Cabin | 10 | 15S | 10W** | 9300 | Mimbres | SCS | 1967 |
| 9R2PSPRT | McNary | 23 | 8N | 23E | 7200 | Salt | BIA | 1939 |
| 9R1 | Milk Ranch | 33 | 8N | 23E | 7000 | Salt | BIA | 1941 |
| 12R3 | Mingus Mountain | 3 | 15N | 2E | 7100 | Verde | SCS | 1947 |
| 8S2 | Mogollon | 2 | 11S | 19W** | 7000 | San Francisco | SCS | 1953 |
| 11R4 | Mormon Lake | 13 | 18N | 8E | 7350 | Little Colorado | SCS | 1947 |
| 11R3APSPRT | Mormon Mountain | 14 | 18N | 8E | 7500 | Verde | SCS | 1950 |
| 11R11 | Mormon Mountain Summit #2 | 2 | 18N | 8E | 8470 | Little Colorado | SCS | 1975 |
| 9S12A | Mt. Ord | 4 | 6N | 26E | 11200 | Salt | SRP-SCS | 1966 |
| 11P5 | Newman Park | 25 | 19N | 6E | 6750 | Verde | SCS | 1963 |
| 9S4 | Nutriosio | 23 | 6N | 30E | 8500 | San Francisco | FS | 1938 |
| 11R10PSPRT | Promontory Butte | 5 | 11N | 13E | 7930 | Little Colorado | SCS | 1973 |
| 8S7 | Redstone Trail | 5 | 11S | 18W** | 8600 | San Francisco | SCS | 1961 |
| 10T2 | Rose Canyon | 15 | 12S | 16E | 7300 | Gila | FS | 1948 |
| 8T1PSPRT | Signal Peak | 13 | 16S | 13W | 8360 | Gila | SCS | 1977 |
| 8S8PSPRT | Silver Creek Divide | 4 | 11S | 18W** | 9000 | San Francisco | SCS | 1964 |
| 9S14A | Smith Cienega | 10 | 6N | 26E | 10050 | Salt | SRP-SCS | 1966 |
| 11P4 | Snow Bowl #1 | 36 | 23N | 6E | 10260 | Verde | FS | 1961 |
| 11P6 | Snow Bowl #2 | 31 | 23N | 7E | 11000 | Verde | FS | 1965 |
| 9S8 | State Line | 6 | 6S | 21W** | 8000 | San Francisco | FS | 1938 |
| 9S17 | Sunrise Summit | 36 | 7N | 26E | 10600 | Salt | SCS | 1972 |
| 11R8PSPRT | Sugarloaf | 8 | 8E | 14N | 6120 | Verde | SCS | 1978 |
| 12P2PSPRT | White Horse Lake Jct. | 2 | 20N | 2E | 7180 | Verde | FS | 1967 |
| 12R5 | White Spar | 19 | 13N | 2W | 6000 | Verde | SCS | 1963 |
| 8S10A | Whitewater | 19 | 11S | 17W** | 10750 | Gila | SCS | 1964 |
| 12P3 | Williams Ski Run | 9 | 21N | 2E | 7720 | Cataract | FS | 1967 |
| 9R6P | Wilson Lake | 4 | 7N | 26E | 9000 | Salt | SCS | 1966 |
| 10S1PSPRT | Workman Creek | 33 | 6N | 14E | 6900 | Salt | FS | 1952 |

A Aerial Snow Depth Marker
P Precipitation Storage Gage
R Radio Telemetry (SNOTEL)

SP Snow Pressure Pillow
T Temperature
** NM Principal Meridian
* City of Flagstaff

The Following Organizations Cooperate in the Arizona Snow Survey Work

FEDERAL

- Department of Agriculture
 - Soil Conservation Service
 - Forest Service
 - Apache-Sitgreaves Forest
 - Coconino Forest
 - Coronado Forest
 - Gila Forest
 - Kaibab Forest
 - Prescott Forest
 - Rackly Mountain Forest and Range Experiment Station
 - Tonto Forest
- Department of Commerce
 - NOAA, National Weather Service
- Department of Interior
 - Bureau of Reclamation
 - Region III
 - Geological Survey
 - Arizona District
 - New Mexico District
 - Bureau of Indian Affairs
 - Fort Apache Reservation
 - San Carlos Irrigation Project
 - National Park Service
 - Grand Canyon National Park
- Gila Water Commissioner
 - Safford, Arizona

STATE

- Arizona Game and Fish Department
- Arizona State Parks Board
- Arizona Department of Water Resources
- University of Arizona
 - Arizona Agricultural Experiment Station
 - Water Resource Research Center
 - Department of Watershed Management

MUNICIPAL

- City of Flagstaff

IRRIGATION PROJECTS

- Salt River Valley Water User's Association
 - Phoenix, Arizona
- San Carlos Irrigation and Drainage District
 - Coolidge, Arizona
- Maricopa County Municipal Water Conservation District

PRIVATE

- Southwest Forest Industries, Inc.
 - McNary, Arizona
- Fort Apache Indian Reservation
 - White Mountain Recreation Enterprises

Other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

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*"The Conservation of Water begins
with the Snow Survey"*